

3KVA – 120KVA

THREE PHASE

Model: **AFP 3**

60 HZ input – 40.0 - 499.9 HZ output

Electronic Advanced Frequency Converter

Description

The **AFP3** Series offers wide-range voltage and frequency adjustment capability, and has the load capacity to service a broad range of AC power test or facility power applications.

The use of PWM output power control makes the **AFP3** ideal for providing precise, regulated AC power to resistive, capacitive, inductive or more complex non-linear loads. The voltage level of each of the three output phases is separately regulated, making it a perfect fit for powering unbalanced three phase loads.

Complemented by simple yet precise operator controls and built-in digital output instrumentation, the **AFP3** can be easily installed, and quickly put to work, powering your next requirement.

Features & Benefits

- Precise Output Power Control Using PWM with IGBT Switching
- Sinewave Output
- 4-Place Thumbwheel Switch for Precise Output Frequency Adjust Control
- 10-Turn Output Voltage Adjust Control
- High/Low Output Voltage Range Switch
- On/Off/Reset Operator Controls
- Built-in Digital Output Metering:
 - Volts (L-N)
 - Amps (with phase selector switch)
 - Frequency
 - Watts
- Electrical Protection:
 - Electronic Overload
 - Supplemental Input and Output Circuit Breakers
- Internal Over-Voltage and Over-Temperature Protection
- Input / Output Terminal Blocks
- Sheet Metal Enclosure
- Caster Wheels, (3KVA - 20KVA Models)
- Output Power Factor: 0.8 PF
- Temperature: 0-40C operating
- Humidity: 0-90% Rh, (non-condensing)

MODEL	OUTPUT CAPACITY (KVA)	OUTPUT FREQUENCY	OUTPUT FREQUENCY REGULATION	OUTPUT VOLTAGE	OUTPUT VOLTAGE REGULATION	OUTPUT CURRENT (MAX) LowRg / HighRg	OUTPUT DISTORTION (THD, max)	INPUT VOLTAGE (NOTE 1)	DIMENSIONS HxWxD (in.)	WEIGHT (lbs)
AFP30030	3	40.0Hz to 499.9Hz	±0.01%	Low Range: 5-150V L-N, (8-259V L-L) High Range: 10-300V L-N, (17-519V L-L)	±1%	L: 8.3A H: 4.1A	2%	208V or 230V or 480V 3 Phase 3 Wire ±10%	54x27.5x18.9	200
AFP30060	6					L: 16.7A H: 8.3A				400
AFP30100	10					L: 27.8A H: 13.9A				510
AFP30150	15					L: 41.6 H: 20.8A			550	
AFP30200	20					L: 56.6A H: 27.8A			600	
AFP30300	30					L: 83.3A H: 41.7A			990	
AFP30450	45					L: 125A H: 62.5A			1,240	
AFP30600	60					L: 167A H: 83.3A			1,460	
AFP30900	90					L: 250A H: 125A			1,985	
AFP31200	120					L: 333A H: 167A			2,380	

NOTES: 1: N= 208V, 3PH; P= 230V, 3PH; R= 480V, 3PH

Specifications subject to change without notice.
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